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AF/1642

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Paul Schimmel *et al.* )  
Application No. 09/813,718 )  
Filed: March 21, 2001 ) Group Art Unit: 1642  
For: HUMAN AMINOACYL-tRNA )  
SYNTHETASE POLYPEPTIDES )  
USEFUL FOR THE REGULATION )  
OF ANGIOGENESIS )  
Examiner: Gary B. Nickol, Ph.D. ) Attorney Docket No. TSRI 817.0

**AMENDMENT AND RESPONSE UNDER RULE 116**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action on the above-identified application dated 13 September 2004, kindly amend this application as set forth herein. A Declaration Under 37 CFR §1.131, executed by co-inventor Keisuke Wakasugi, is submitted herewith. Reconsideration and early allowance of all pending claims is earnestly solicited.

**Amendments to the Claims** are presented on page 2 of this paper.

**Remarks** begin on page 3 of this paper.